1920-21

GRAIN SHIPMENTS FROM MANITOBA - SASKATCHEWAN AND ALBERTA

FOR CROP YEAR ENDING AUGUST 31ST TO THE CLOSE OF NAVIGATION FOR THAT YEAR.

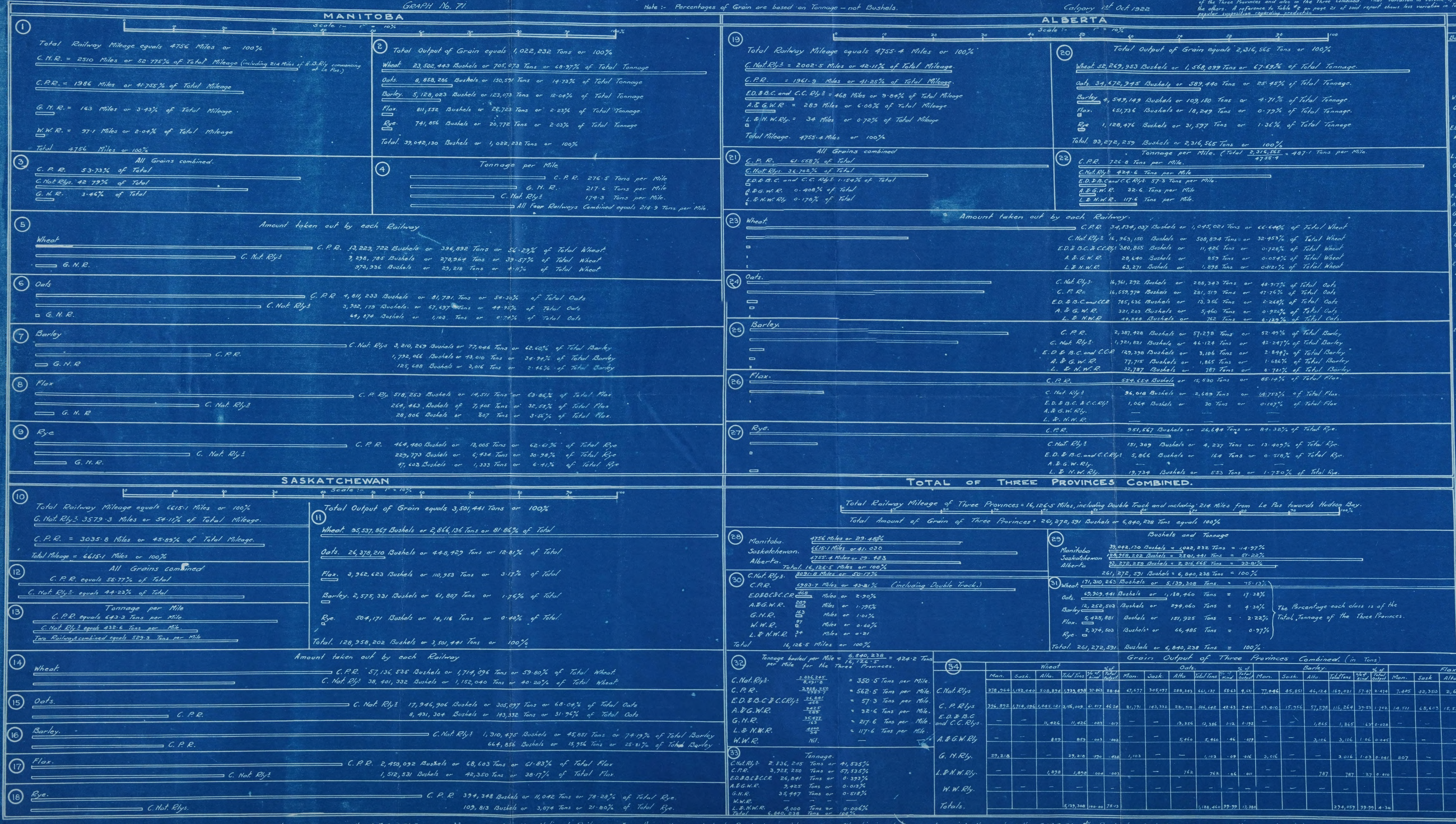
Authority :- Federal Government Report on the Grain Trade of Canada for 1921.

Note :- Percentages of Grain are based on Tonnage – not Bushels.

Compiled by W. Pearce,
Calgary 1st Oct. 1922

Note. The Data given regarding Grain shipped, taken from Table #7 of of the Authority cited, though called the 1921 Grain Trade Report, it is so far as this graph is concerned the production of 1920. A reference to Table #2 so far as it relates to Man. Sask. and Alberta and the Three Provinces combined, will prove interesting. (See pages 18 to 22 of said report.) If a graph prepared on lines similar to this were carried on for some years it would probably prove both interesting and instructive. The proportions of Tonnage carried by each Railway System would no doubt vary from year to year in each of the Three Provinces and also in the Three Combined. That variation in volume of Traffic depends to a greater extent on the Wheat Crop than on the others. A reference to Table #2 on page 21 of said report shows less variation in Total Tonnage in the five years recited viz: 1917-21 than is the popular supposition regarding production.

GRAPH No. 71.



MANITOBA

① Total Railway Mileage equals 4756 Miles or 100%

C.N.R. = 2510 Miles or 52.775% of Total Mileage (including 214 Miles of H.B. Rly commencing at Le Pas.)

C.P.R. = 1986 Miles or 41.755% of Total Mileage

G.N.R. = 163 Miles or 3.43% of Total Mileage.

W.W.R. = 97.1 Miles or 2.04% of Total Mileage

Total 4756 Miles or 100%

② Total Output of Grain equals 1,022,232 Tons or 100%

Wheat. 23,502,443 Bushels or 705,073 Tons or 68.97% of Total Tonnage

Oats. 8,858,286 Bushels or 150,591 Tons or 14.73% of Total Tonnage

Barley. 5,128,023 Bushels or 123,073 Tons or 12.04% of Total Tonnage

Flax. 811,552 Bushels or 22,723 Tons or 2.23% of Total Tonnage

Rye. 741,856 Bushels or 20,772 Tons or 2.03% of Total Tonnage

Total. 39,042,130 Bushels or 1,022,232 Tons or 100%

③ All Grains combined.

C.P.R. 53.73% of Total

C.Nat. Rlys. 42.79% of Total

G.N.R. 3.46% of Total

④ Tonnage per Mile

C.P.R. 276.5 Tons per Mile

G.N.R. 217.6 Tons per Mile

C. Nat. Rlys. 174.3 Tons per Mile.

All Four Railways Combined equals 214.9 Tons per Mile.

⑤ Amount taken out by each Railway

Wheat

C.P.R. 13,229,722 Bushels or 396,892 Tons or 56.29% of Total Wheat.

C. Nat. Rlys. 9,298,785 Bushels or 278,964 Tons or 39.57% of Total Wheat

G.N.R. 973,936 Bushels or 29,218 Tons or 4.11% of Total Wheat

⑥ Oats

C.P.R 4,811,233 Bushels or 81,791 Tons or 54.30% of Total Oats

C. Nat. Rlys. 3,982,179 Bushels. or 67,697 Tons or 44.95% of Total Oats

G.N.R. 64,874 Bushels or 1,103 Tons or 0.74% of Total Oats

⑦ Barley

C. Nat. Rlys 3,210,269 Bushels or 77,046 Tons or 62.60% of Total Barley

C.P.R. 1,792,066 Bushels or 43,010 Tons or 34.94% of Total Barley

G.N.R 125,688 Bushels or 3,016 Tons or 2.46% of Total Barley

⑧ Flax

C.P. Rly. 518,253 Bushels or 14,511 Tons or 63.86% of Total Flax

C. Nat. Rlys. 264,463 Bushels of 7,405 Tons or 32.58% of Total Flax

G.N.R 28,806 Bushels or 807 Tons or 3.56% of Total Flax.

⑨ Rye

C.P.R. 464,480 Bushels or 13,005 Tons or 62.61% of Total Rye

C. Nat. Rlys. 229,773 Bushels or 6,434 Tons or 30.98% of Total Rye

G.N.R. 47,603 Bushels or 1,333 Tons or 6.41% of Total Rye

SASKATCHEWAN

⑩ Total Railway Mileage equals 6615.1 Miles or 100%

G. Nat. Rlys. 3579.3 Miles or 54.11% of Total Mileage.

C.P.R. = 3035.8 Miles or 45.89% of Total Mileage.

Total Mileage = 6615.1 Miles or 100%

⑪ Total Output of Grain equals 3,501,441 Tons or 100%

Wheat. 95,537,867 Bushels or 2,866,136 Tons or 81.86% of Total

Oats. 26,378,210 Bushels or 448,429 Tons or 12.81% of Total

Flax. 3,962,623 Bushels or 110,953 Tons or 3.17% of Total

Barley. 2,575,331 Bushels or 61,807 Tons or 1.76% of Total

Rye. 504,171 Bushels or 14,116 Tons or 0.40% of Total

Total. 128,958,202 Bushels or 3,501,441 Tons or 100%

⑫ All Grains combined

C.P.R. equals 55.77% of Total

C. Nat. Rlys. equals 44.23% of Total

⑬ Tonnage per Mile

C.P.R. equals 643.3 Tons per Mile.

C. Nat. Rlys. equals 432.6 Tons per Mile.

Two Railways combined equals 529.3 Tons per Mile

⑭ Amount taken out by each Railway

Wheat.

C.P.R. 57,136,535 Bushels or 1,714,096 Tons or 59.80% of Total Wheat.

C. Nat. Rlys. 38,401,332 Bushels or 1,152,040 Tons or 40.20% of Total Wheat.

⑮ Oats.

C. Nat. Rlys. 17,946,906 Bushels or 305,097 Tons or 68.04% of Total Oats

C.P.R. 8,431,304 Bushels or 143,332 Tons or 31.96% of Total Oats

⑯ Barley.

C. Nat. Rlys. 1,910,475 Bushels or 45,851 Tons or 74.19% of Total Barley

C.P.R. 664,856 Bushels or 15,956 Tons or 25.81% of Total Barley

⑰ Flax.

C.P.R. 2,450,092 Bushels or 68,603 Tons or 61.83% of Total Flax

C. Nat. Rlys. 1,512,531 Bushels or 42,350 Tons or 38.17% of Total Flax.

⑱ Rye.

C.P.R. 394,348 Bushels or 11,042 Tons or 78.28% of Total Rye.

C. Nat. Rlys. 109,813 Bushels or 3,074 Tons or 21.80% of Total Rye.

ALBERTA

⑲ Total Railway Mileage equals 4755.4 Miles or 100%

C. Nat. Rlys. = 2002.5 Miles or 42.11% of Total Mileage.

C.P.R. = 1961.9 Miles or 41.25% of Total Mileage.

E.D.&B.C. and C.C. Rlys. = 468 Miles or 9.84% of Total Mileage

A.&G.W.R. = 289 Miles or 6.08% of Total Mileage

L.&N.W. Rly. = 34 Miles or 0.72% of Total Mileage

Total Mileage. 4755.4 Miles or 100%

⑳ Total Output of Grain equals 2,316,565 Tons or 100%

Wheat. 52,269,953 Bushels or 1,568,099 Tons or 67.69% of Total Tonnage.

Oats. 34,672,945 Bushels or 589,440 Tons or 25.45% of Total Tonnage.

Barley 4,549,149 Bushels or 109,180 Tons or 4.71% of Total Tonnage.

Flax. 651,736 Bushels or 18,249 Tons or 0.79% of Total Tonnage.

Rye 1,128,476 Bushels or 31,597 Tons or 1.36% of Total Tonnage

Total. 93,272,259 Bushels or 2,316,565 Tons or 100%

㉑ All Grains combined

C.P.R. 61.558% of Total

C. Nat. Rlys. 36.702% of Total

E.D.&B.C. and C.C. Rlys. 1.154% of Total

A.&G.W.R. 0.408% of Total

L.&N.W. Rly 0.178% of Total

㉒ Tonnage per Mile. (Total $\frac{2,316,565}{4755.4}$ = 487.1 Tons per Mile.

C.P.R. 726.8 Tons per Mile.

C. Nat. Rlys. 424.6 Tons per Mile

E.D.&B.C and C.C. Rlys. 57.3 Tons per Mile.

A.&G.W.R. 32.6 Tons per Mile

L.&N.W.R. 117.6 Tons per Mile.

Amount taken out by each Railway.

㉓ Wheat.

C.P.R. 34,834,037 Bushels or 1,045,021 Tons or 66.644% of Total Wheat

C. Nat. Rlys. 16,963,150 Bushels or 508,894 Tons or 32.453% of Total Wheat

E.D.&B.C.&C.C. Rlys. 380,855 Bushels or 11,426 Tons or 0.728% of Total Wheat

A.&G.W.R. 28,640 Bushels or 859 Tons or 0.054% of Total Wheat

L.&N.W.R. 63,271 Bushels or 1,898 Tons or 0.0121% of Total. Wheat

㉔ Oats.

C. Nat. Rlys. 16,961,292 Bushels or 288,343 Tons or 48.917% of Total Oats

C.P.R. 16,559,970 Bushels or 281,519 Tons or 47.76% of Total Oats

E.D.&B.C. and C.C.R. 785,636 Bushels or 13,356 Tons or 2.268% of Total Oats

A.&G.W.R. 321,203 Bushels or 5,460 Tons or 0.926% of Total Oats

L.&N.W.R 44,844 Bushels or 762 Tons or 0.129% of Total Oats.

㉕ Barley.

C.P.R. 2,387,428 Bushels or 57,298 Tons or 52.49% of Total Barley

C. Nat. Rlys. 1,921,821 Bushels or 46.124 Tons or 42.247% of Total Barley

E.D.&B.C. and C.C.R. 129,398 Bushels or 3,106 Tons or 2.844% of Total Barley

A.&G.W.R. 77,715 Bushels or 1,865 Tons or 1.686% of Total Barley

L.&N.W.R. 32,787 Bushels or 787 Tons or 0.721% of Total Barley

㉖ Flax.

C.P.R. 554,654 Bushels or 15,530 Tons or 85.14% of Total Flax.

C. Nat. Rlys. 96,018 Bushels or 2,689 Tons or 14.753% of Total Flax.

E.D.&B.C.&C.C. Rlys. 1,064 Bushels or 30 Tons or 0.107% of Total Flax

A.&G.W. Rly. — — —

L.&N.W.R. — — —

㉗ Rye.

C.P.R. 951,567 Bushels or 26,644 Tons or 84.32% of Total Rye.

C. Nat. Rlys. 151,309 Bushels or 4,237 Tons or 13.409% of Total Rye.

E.D.&B.C. and C.C. Rlys. 5,866 Bushels or 164 Tons or 0.518% of Total Rye.

A.&G.W. Rly. — — —

L.&N.W. Rly. 19,734 Bushels or 553 Tons or 1.750% of Total Rye.

TOTAL OF THREE PROVINCES COMBINED.

Total Railway Mileage of Three Provinces = 16,126.5 Miles, including Double Track and including 214 Miles from Le Pas towards Hudson Bay.

Total Amount of Grain of Three Provinces = 261,272,591 Bushels or 6,840,238 Tons equals 100%

㉘ Manitoba. 4756 Miles or 29.48%
Saskatchewan. 6615.1 Miles or 41.030
Alberta. 4755.4 Miles or 29.483
Total. 16,126.5 Miles or 100%

㉙ Bushels and Tonnage

Manitoba 39,042,130 Bushels = 1,022,232 Tons = 14.97%
Saskatchewan 128,958,202 Bushels = 3,501,441 Tons = 51.22%
Alberta 93,272,259 Bushels = 2,316,565 Tons = 33.81%
261,272,591 Bushels = 6,840,238 Tons = 100%

㉚ C. Nat. Rlys. 8091.8 Miles or 50.17%
C.P.R. 6983.7 Miles or 43.31% (including Double Track.)
E.D&B.C&C.C.R. 468 Miles or 2.90%
A.&G.W.R. 289 Miles or 1.795%
G.N.R. 163 Miles or 1.01%
W.W.R. 97 Miles or 0.60%
L.&N.W.R. 34 Miles or 0.21
Total 16,126.5 Miles or 100%

㉛ Wheat. 171,310,263 Bushels or 5,139,308 Tons. = 75.13%
Oats. 69,909,441 Bushels or 1,188,460 Tons = 17.38%
Barley 12,252,503 Bushels or 294,060 Tons = 4.30%
Flax. 5,425,881 Bushels or 151,925 Tons = 2.22%
Rye. 2,374,503 Bushels or 66,485 Tons = 0.97%
Total. 261,272,591 Bushels or 6,840,238 Tons = 100%.

The Percentage each class is of the Total Tonnage of the Three Provinces.

㉜ Tonnage hauled per Mile per Mile for the Three Provinces. = $\frac{6,840,238}{16,126.5}$ = 424.2 Tons

C. Nat. Rlys. $\frac{2,836,245}{8,091.8}$ = 350.5 Tons per Mile.
C.P.R. $\frac{3,928,250}{6983.7}$ = 562.5 Tons per Mile.
E.D.&B.C.&C.C. Rlys. $\frac{26,841}{468}$ = 57.3 Tons per Mile.
A.&G.W.R. $\frac{9425}{289}$ = 32.6 Tons per Mile.
G.N.R. $\frac{35,477}{163}$ = 217.6 Tons per Mile.
L.&N.W.R. $\frac{4000}{34}$ = 117.6 Tons per Mile.
W.W.R. Nil. —

㉝ Tonnage.

C. Nat. Rlys. 2,836,245 Tons or 41,535%
C.P.R. 3,928,250 Tons or 57,535%
E.D.&B.C&C.C.R. 26,841 Tons or 0.393%
A.&G.W.R. 9,425 Tons or 0.013%
G.N.R. 35,447 Tons or 0.518%
W.W.R. — — — —
L.&N.W.R. 4,000 Tons or 0.006%
Total 6,840,238 Tons or 100%

㉞ Grain Output of Three Provinces Combined. (in Tons)

	Wheat						Oats						Barley						Flax						Rye					
	Man.	Sask.	Alta.	Total Tons	% of kind	% of Total output	Man.	Sask.	Alta	Total Tons	% of Kind	% of Total output	Man.	Sask.	Alta.	Total Tons	% of kind	% of Total output	Man.	Sask	Alta	Total Tons	% of kind	% of Total output	Man.	Sask.	Alta	Total Tons	% of kind	% of Total output
C. Nat. Rlys	278,964	1,152,040	508,894	1,939,898	37.863	28.44	67,697	305,097	288,343	661,137	55.63	9,671	77,046	45,851	46,124	169,021	57.47	2.474	7,405	42,350	2,689	52,444	34.53	0.770	6,434	3,074	4,237	13,745	20.69	0.201
C.P. Rlys	396,892	1,714,096	1,045,021	3,156,009	61.517	46.24	81,791	143,332	281,519	506,642	42.63	7.411	43,010	15,956	57,298	116,264	39.53	1.702	14,511	68,603	15,530	78,644	64.94	1.449	13,005	11,042	26,644	50,691	76.24	0,744
E.D.&B.C and C.C. Rlys.	—	—	11,426	11,426	.023	.017	—	—	13,356	13,356	1.12	0.192	—	—	1,865	1,865	.63	0.028	—	—	30	30	—	—	—	—	164	164	0.24	0.002
A.&G.W. Rly	—	—	859	859	.003	.002	—	—	5,460	5,460	.46	.079	—	—	3,106	3,106	1.06	0.045	—	—	—	—	—	—	—	—	—	—	—	—
G.N. Rly.	29,218	—	—	29,218	.590	.428	1,103	—	—	1,103	.09	.016	3,016	—	—	3,016	1.03	0.041	807	—	—	807	.53	0.001	1,333	—	—	1,333	2.00	0.017
L.&N.W. Rly.	—	—	1,898	1,898	.004	.003	—	—	762	762	.06	.011	—	—	787	787	.27	0.010	—	—	—	—	—	—	—	—	553	553	0.83	0.006
W.W. Rly.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			—	—	—	—	—	—	—	—	—	—	—	—
Totals.				5,139,308	100.00	75.13				1,188,460	99.99	17,380				294,059	99.99	4.30				151,925	100.00	2.22				66,486	100.00	0.970

INDEX

Grain. Bushels & Tonnage	Bushels Tonnage and Percentages. Manitoba	Saskatchewan	Alberta	Three Provinces Combined.
Wheat.	No 2	No 11	No 20	No 34
Oats.	2	11	20	34
Barley.	2	11	20	34
Flax.	2	11	20	34
Rye.	2	11	20	34
Wheat in Bushels, Tons and Percentages taken out by each Railway Line.				
C. Nat. Rlys	5	14	23	34
C.P.R.	5	14	23	34
E.D.B.C.&C.C. Rlys.	—	—	23	34
A.&G.W. Rly.	—	—	23	34
G.N.R.	5	—	—	34
L.&N.W.R.	—	—	23	34
Oats in Bushels, Tons and Percentages taken out by each Railway Line				
C. Nat. Rlys.	6	15	24	34
C.P.R.	6	15	24	34
E.D.B.C.&C.C. Rlys.	–	–	24	34
A.&G.W. Rly.	–	–	24	34
G.N.R.	6	–	–	34
L.&N.W. Rly.	–	–	24	34
Barley in Bushels, Tons and Percentages taken out by each Railway Line.				
C. Nat. Rlys.	7	16	25	34
C.P.R.	7	16	25	34
E.D.B.C.&C.C. Rlys.	—	—	25	34
A.&G.W. Rly	—	–	25	34
G.N.R.	7	–	–	34
L.&N.W. Rly.	–	–	25	34
Flax in Bushels, Tons and Percentages taken out by each Railway Line				
C. Nat. Rlys	8	17	26	34
C.P.R.	8	17	26	34
E.D.B.C.&C.C. Rlys.	–	–	26	34
A.&G.W. Rly.	–	–	26	34
G.N.R.	8	–	–	34
L.&N.W. Rly.	–	–	26	34
Rlye in Bushels, Tons and Percentages taken out by each Railway Line				
C. Nat. Rlys.	9	18	27	34
C.P.R.	9	18	27	34
E.D.&B.C.&C.C. Rlys.	–	–	27	34
A.&G.W. Rly.	–	–	27	34
G.N.R.	9	–	–	34
L.&N.W.R.	–	–	27	34
Note. No Grain carried by W.W. Rly.				
RAILWAY MILEAGE & PERCENTAGES				
C. Nat. Rlys	1	10	19	28-30
C.P.R.	1	10	19	28-30
E.D&B.C&C.C. Rlys.	—	–	19	28-30
A.&G.W.R.	–	–	19	28-30
G.N.R.	1	–	–	28-30
L.&N.W.R	–	–	19	28-30
W.W.R.	1	–	–	28-30
Percentage of Grain Tonnage carried by the different Railway Lines in each Province and the Three Provinces combined	# 3	# 12	# 21	
Tonnage & Percentage in Grain per Mile by each Railway Line in each Province and Three Provinces Combined	# 4	# 13	# 22	# 32
Total Bushels, Tonnage & Percentages of each class of Grain shipped in the Three Provinces combined.				# 31
The Data in #31 representing Wheat, Oats, Barley, Flax and Rye showing in Tonnage what is shipped out, also Percentage each is of the whole of its class and of the Total Amount shipped from the Three Provinces combined.				# 34

Weight of Grain per Bushel.
Wheat = 60# Oats = 34# Barley = 48# Flax and Rye 56#

Note. {The first fourteen Miles out of Edmonton is used in common by the E.D.&B.C. and the A.&G.W. Rlys. In the Mileage of said Railways, half of that distance, viz., 7 Miles, is included in the total Mileage of each of said Lines

Canadian National Railways. From Henry House easterly to Pocohontas, a distance of 16 Miles, line is not now operated; originally part of the G.T.P. Rly., The Pocohontas Coal Mine being closed. It is reported that a considerable portion of this Line has Ten Feet of Drifting Sand over it at present. Being a part of the Dominion Government Railway System, this Mileage is included in C. Nat. Rlys. Lobstick Junction to Lucerne, a distance of 185 Miles, is used in common by the G.T.P. and C.N. Rlys. That 185 Miles of abandoned Railway is not included in the Mileage of the C. Nat. Rlys. excepting the 16 Miles from Henry House to Pocohontas mentioned. Canadian Pacific Railway Mileage includes Double Track.

1920 - 21

GRAIN SHIPMENTS FROM MANITOBA - SASKATCH

FOR CROP YEAR ENDING AUGUST 31ST TO THE CLOSE OF NAVIGATION FOR THA

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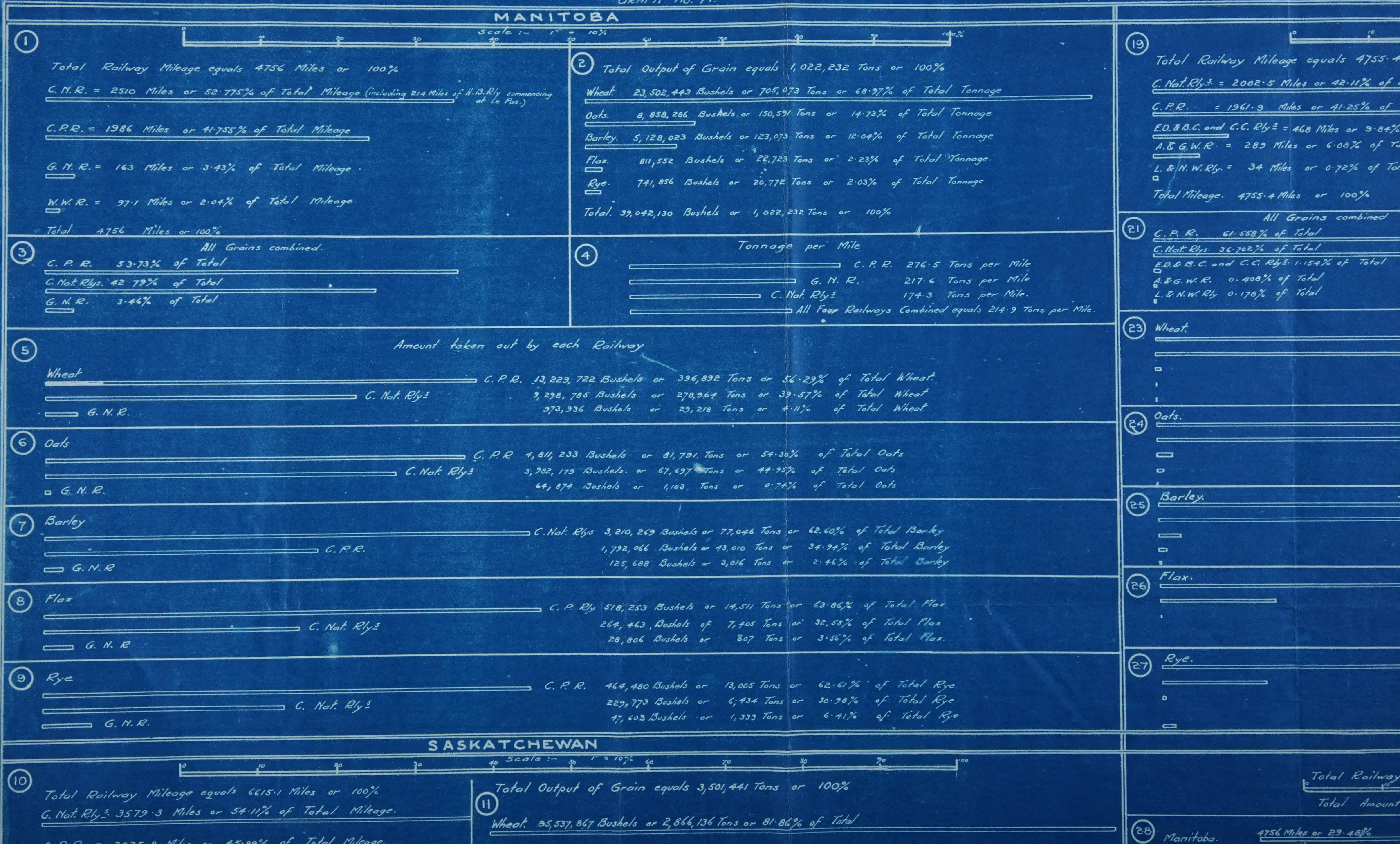

1920 - 21

ITOBA - SASKATCHEWAN AND ALBERTA

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Compiled by W. Pearce,
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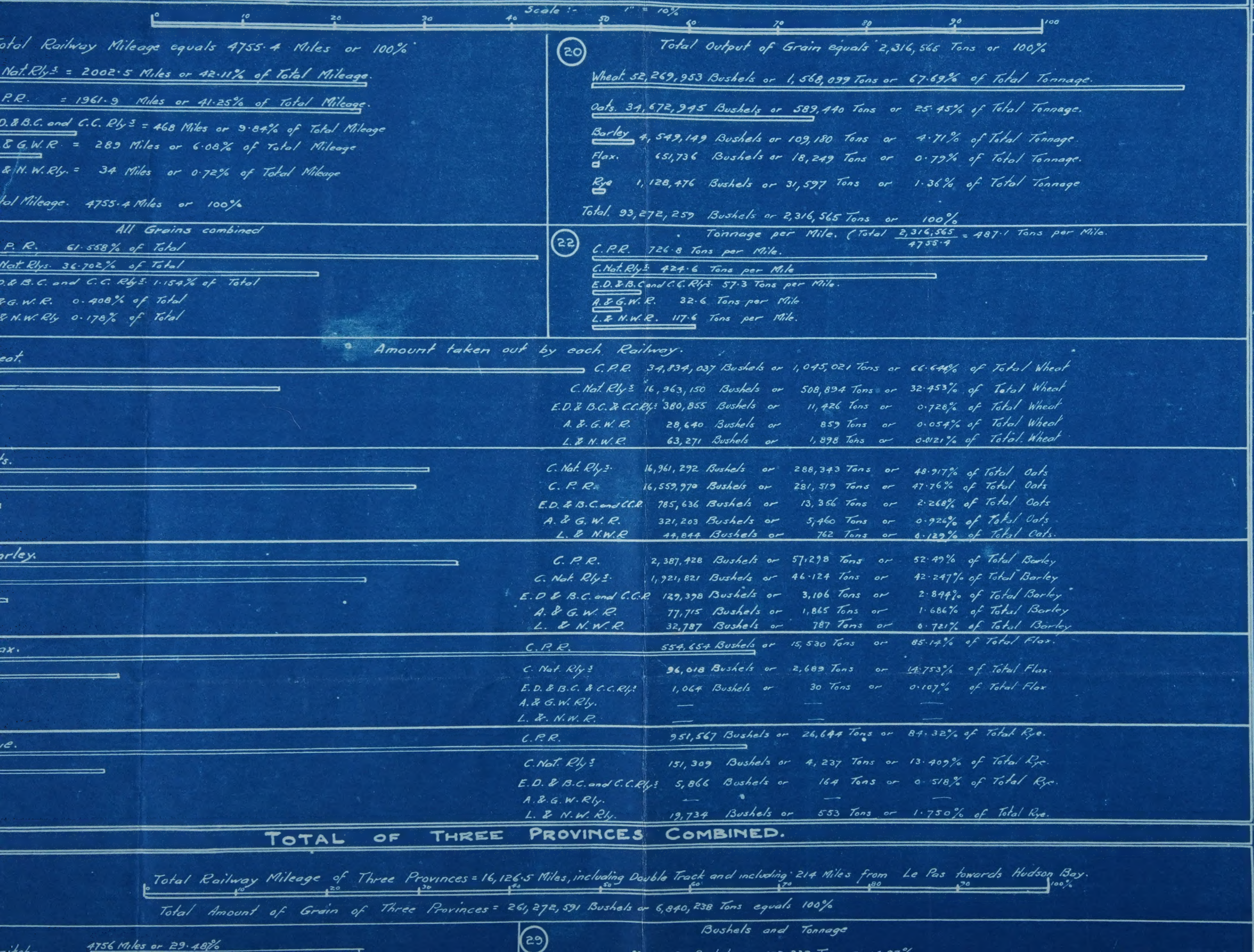
ALBERTA



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ts.

C. Nat. Rlys. 16,961,292 Bushels or 288,343 Tons or 48·917% of Total Oats

C. P. R. 16,559,970 Bushels or 281,519 Tons or 47·76% of Total Oats

E.D. & B.C. and C.C.R. 785,636 Bushels or 13,356 Tons or 2·268% of Total Oats

A. & G.W.R. 321,203 Bushels or 5,460 Tons or 0·926% of Total Oats

L. & N.W.R 44,844 Bushels or 762 Tons or 0·129% of Total Oats.

rley.

C. P. R. 2,387,428 Bushels or 57,298 Tons or 52·49% of Total Barley

C. Nat. Rlys. 1,921,821 Bushels or 46,124 Tons or 42·247% of Total Barley

E.D. & B.C. and C.C.R. 129,398 Bushels or 3,106 Tons or 2·844% of Total Barley

A. & G.W.R. 77,715 Bushels or 1,865 Tons or 1·686% of Total Barley

L. & N.W.R. 32,787 Bushels or 787 Tons or 0·721% of Total Barley

ax.

C.P.R. 554,654 Bushels or 15,530 Tons or 85·14% of Total Flax.

C. Nat. Rlys. 96,018 Bushels or 2,689 Tons or 14·753% of Total Flax.

E.D. & B.C. & C.C. Rlys. 1,064 Bushels or 30 Tons or 0·107% of Total Flax

A. & G.W. Rly. — — —

L. & N.W.R. — — —

e.

C.P.R. 951,567 Bushels or 26,644 Tons or 84·32% of Total Rye.

C. Nat. Rlys. 151,309 Bushels or 4,237 Tons or 13·409% of Total Rye.

E.D. & B.C. and C.C. Rlys. 5,866 Bushels or 164 Tons or 0·518% of Total Rye.

A. & G.W. Rly. — — —

L. & N.W. Rly. 19,734 Bushels or 553 Tons or 1·750% of Total Rye.

TOTAL OF THREE PROVINCES COMBINED.

Total Railway Mileage of Three Provinces = 16,126·5 Miles, including Double Track and including 214 Miles from Le Pas towards Hudson Bay.

Total Amount of Grain of Three Provinces = 261,272,591 Bushels or 6,840,238 Tons equals 100%

4756 Miles or 29·48%

(29) Bushels and Tonnage

INDEX

Grain. Bushels & Tonnage	Bushels Tonnage and Percentages. Manitoba	Saskatchewan	Alberta	Three Provinces Combined.
Wheat.	Nº 2	Nº 11	Nº 20	Nº 34
Oats.	2	11	20	34
Barley.	2	11	20	34
Flax.	2	11	20	34
Rye.	2	11	20	34
Wheat in Bushels, Tons and Percentages taken out by each Railway Line.				
C. Nat. Rlys	5	14	23	34
C. P. R.	5	14	23	34
E.D.B.C. & C.C. Rlys.	—	—	23	34
A. & G.W. Rly.	—	—	23	34
G.N.R.	5	—	—	34
L. & N.W. R.	—	—	23	34
Oats in Bushels, Tons and Percentages taken out by each Railway Line				
C. Nat. Rlys.	6	15	24	34
C. P. R.	6	15	24	34
E.D.B.C. & C.C. Rlys.	—	—	24	34
A. & G.W. Rly.	—	—	24	34
G. N. R.	6	—	—	34
L. & N.W. Rly.	—	—	24	34
Barley in Bushels, Tons and Percentages taken out by each Railway Line.				
C. Nat. Rlys.	7	16	25	34
C. P. R.	7	16	25	34
E.D.B.C. & C.C. Rlys.	—	—	25	34
A. & G.W. Rly	—	—	25	34
G. N. R.	7	—	—	34
L. & N.W. Rly.	—	—	25	34
Flax in Bushels, Tons and Percentages taken out by each Railway Line				
C. Nat. Rlys	8	17	26	34
C. P. R.	8	17	26	34
E.D.B.C. & C.C. Rlys.	—	—	26	34
A. & G.W. Rly	—	—	26	34
G. N. R.	8	—	—	34
L. & N.W. Rly.	—	—	26	34
Rlye in Bushels, Tons and Percentages taken out by each Railway Line				
C. Nat. Rlys.	9	18	27	34
C. P. R.	9	18	27	34
E.D. & B.C. & C.C. Rlys.	—	—	27	34
A. & G.W. Rly.	—	—	27	34
G. N. R.	9	—	—	34
L. & N.W.R.	—	—	27	34
Note. No Grain carried by W. W. Rly.				
RAILWAY MILEAGE & PERCENTAGES				
C. Nat. Rlys	1	10	19	28 - 30
C. P. R.	1	10	19	28 - 30
E.D & B.C & C.C. Rlys.	—	—	19	28 - 30
A. & G.W.R.	—	—	19	28 - 30
G. N. R.	1	—	—	28 - 30
L. & N.W. R	—	—	19	28 - 30
W. W. R.	1	—	—	28 - 30
Percentage of Grain Tonnage carried by the different Railway Lines in each Province and the Three Provinces combined	# 3	# 12	# 21	

	Bushels or	11,426 Tons or	0·728% of Total Wheat
A. & G. W. R.	28,640 Bushels or	859 Tons or	0·054% of Total Wheat
L. & N. W. R.	63,271 Bushels or	1,898 Tons or	0·0121% of Total Wheat

ats.

C. Nat. Rlys.	16,961,292 Bushels or	288,343 Tons or	48·917% of Total Oats
C. P. R.	16,559,970 Bushels or	281,519 Tons or	47·76% of Total Oats
E.D. & B.C. and C.C.R.	785,636 Bushels or	13,356 Tons or	2·268% of Total Oats
A. & G. W. R.	321,203 Bushels or	5,460 Tons or	0·926% of Total Oats
L. & N.W.R.	44,844 Bushels or	762 Tons or	0·129% of Total Oats.

Barley.

C. P. R.	2,387,428 Bushels or	57,298 Tons or	52·49% of Total Barley
C. Nat. Rlys.	1,921,821 Bushels or	46·124 Tons or	42·247% of Total Barley
E.D & B.C. and C.C.R.	129,398 Bushels or	3,106 Tons or	2·894% of Total Barley
A. & G. W. R.	77,715 Bushels or	1,865 Tons or	1·686% of Total Barley
L. & N. W. R.	32,787 Bushels or	787 Tons or	0·721% of Total Barley

lax.

C. P. R.	554,654 Bushels or	15,530 Tons or	85·14% of Total Flax.
C. Nat. Rlys.	96,018 Bushels or	2,689 Tons or	14·753% of Total Flax.
E. D. & B.C. & C.C.Rlys.	1,064 Bushels or	30 Tons or	0·107% of Total Flax
A. & G.W. Rly.	—	—	—
L. & N. W. R.	—	—	—

Rye.

C.P.R.	951,567 Bushels or	26,644 Tons or	84·32% of Total Rye.
C. Nat. Rlys.	151,309 Bushels or	4,237 Tons or	13·409% of Total Rye.
E.D. & B.C. and C.C.Rlys.	5,866 Bushels or	164 Tons or	0·518% of Total Rye.
A. & G. W. Rly.	—	—	—
L. & N. W. Rly.	19,734 Bushels or	553 Tons or	1·750% of Total Rye.

C. P. R.	7	16	25	34
E.D.B.C. & C.C.Rlys.	—	—	25	34
A. & G.W. Rly	—	—	25	34
G. N. R.	7	—	—	34
L. & N. W. Rly.	—	—	25	34
Flax in Bushels, Tons and Percentages taken out by each Railway Line				
C. Nat. Rlys	8	17	26	34
C. P. R.	8	17	26	34
E.D.B.C. & C C. Rlys.	—	—	26	34
A. & G.W. Rly	—	—	26	34
G. N. R.	8	—	—	34
L & N. W. Rly.	—	—	26	34
Rlye in Bushels, Tons and Percentages taken out by each Railway Line				
C. Nat. Rlys.	9	18	27	34
C. P. R.	9	18	27	34
E. D. & B.C. & C.C.Rlys.	—	—	27	34
A. & G. W. Rly.	—	—	27	34
G. N. R.	9	—	—	34
L. & N. W. R.	—	—	27	34
Note. No Grain carried by W. W. Rly.				
RAILWAY MILEAGE & PERCENTAGES				
C. Nat. Rlys	1	10	19	28 - 30
C. P. R.	1	10	19	28 - 30
E.D & B.C & C.C.Rlys.	—	—	19	28 - 30
A. & G.W.R.	—	—	19	28 - 30
G. N. R.	1	—	—	28 - 30
L. & N. W. R	—	—	19	28 - 30
W. W. R.	1	—	—	28 - 30
Percentage of Grain Tonnage carried by the different Railway Lines in each Province and the Three Provinces combined	# 3	# 12	# 21	
Tonnage & Percentage in Grain per Mile by each Railway Line in each Province and Three Provinces Combined	# 4	# 13	# 22	# 32
Total Bushels, Tonnage & Percentages of each class of Grain shipped in the Three Provinces combined.				# 31
The Data in #31 representing Wheat, Oats, Barley, Flax and Rye showing in Tonnage what is shipped out, also Percentage each is of the whole of its class and of the Total Amount shipped from the Three Provinces combined.				# 34

Weight of Grain per Bushel.

Wheat = 60# Oats = 34# Barley = 48# Flax and Rye 56#

TOTAL OF THREE PROVINCES COMBINED.

Total Railway Mileage of Three Provinces = 16,126·5 Miles, including Double Track and including 214 Miles from Le Pas towards Hudson Bay.

0 10 20 30 40 50 60 70 80 90 100%

Total Amount of Grain of Three Provinces = 261,272,591 Bushels or 6,840,238 Tons equals 100%

anitoba.	4756 Miles or 29·48%
skatchewan.	6615·1 Miles or 41·030
berta.	4755·4 Miles or 29·483
Total.	16,126·5 Miles or 100%

at. Rlys.	8091·8 Miles or 50·17%
R.R.	6983·7 Miles or 43·21% (including Double Track.)
&BC&C.C.R.	468 Miles or 2·90%
G.W.R.	289 Miles or 1·795%
N.R.	163 Miles or 1·01%
W.R.	97 Miles or 0·60%
& N.W.R.	34 Miles or 0·21
	16,126·5 Miles or 100%

② ⑨

Bushels and Tonnage

Manitoba	39,042,130 Bushels =	1,022,232 Tons =	14·97%
Saskatchewan	128,958,202 Bushels =	3,501,441 Tons =	51·22%
Alberta	93,272,259 Bushels =	2,316,565 Tons =	33·81%
	261,272,591 Bushels =	6,840,238 Tons =	100%

③①

Wheat.	171,310,263 Bushels or	5,139,308 Tons. =	75·13%
Oats.	69,909,441 Bushels or	1,188,460 Tons =	17·38%
Barley	12,252,503 Bushels or	294,060 Tons =	4·30%
Flax.	5,425,881 Bushels or	151,925 Tons =	2·22%
Rye.	2,374,503 Bushels or	66,485 Tons =	0·97%
Total.	261,272,591 Bushels or	6,840,238 Tons =	100%

The Percentage each class is of the Total Tonnage of the Three Provinces.

Tonnage hauled per Mile = $\frac{6,840,238}{16,126\cdot5}$ = 424·2 Tons per Mile for the Three Provinces.

lys.	$\frac{2,836,245}{8,091\cdot8}$	= 350·5 Tons per Mile.
	$\frac{3,928,250}{6983\cdot7}$	= 562·5 Tons per Mile.
C & C.C.Rlys.	$\frac{26,841}{468}$	= 57·3 Tons per Mile.
.R.	$\frac{9425}{289}$	= 32·6 Tons per Mile.
	$\frac{35,477}{163}$	= 217·6 Tons per Mile.
.R.	$\frac{4000}{34}$	= 117·6 Tons per Mile.
	Nil.	—

Tonnage.

	2,836,245 Tons or	41,535%
	3,928,250 Tons or	57,535%
C.R.	26,841 Tons or	0·393%
	9,425 Tons or	0·013%
	35,447 Tons or	0·518%
	—	—
	4,000 Tons or	0·006%
	6,840,238 Tons or	100%

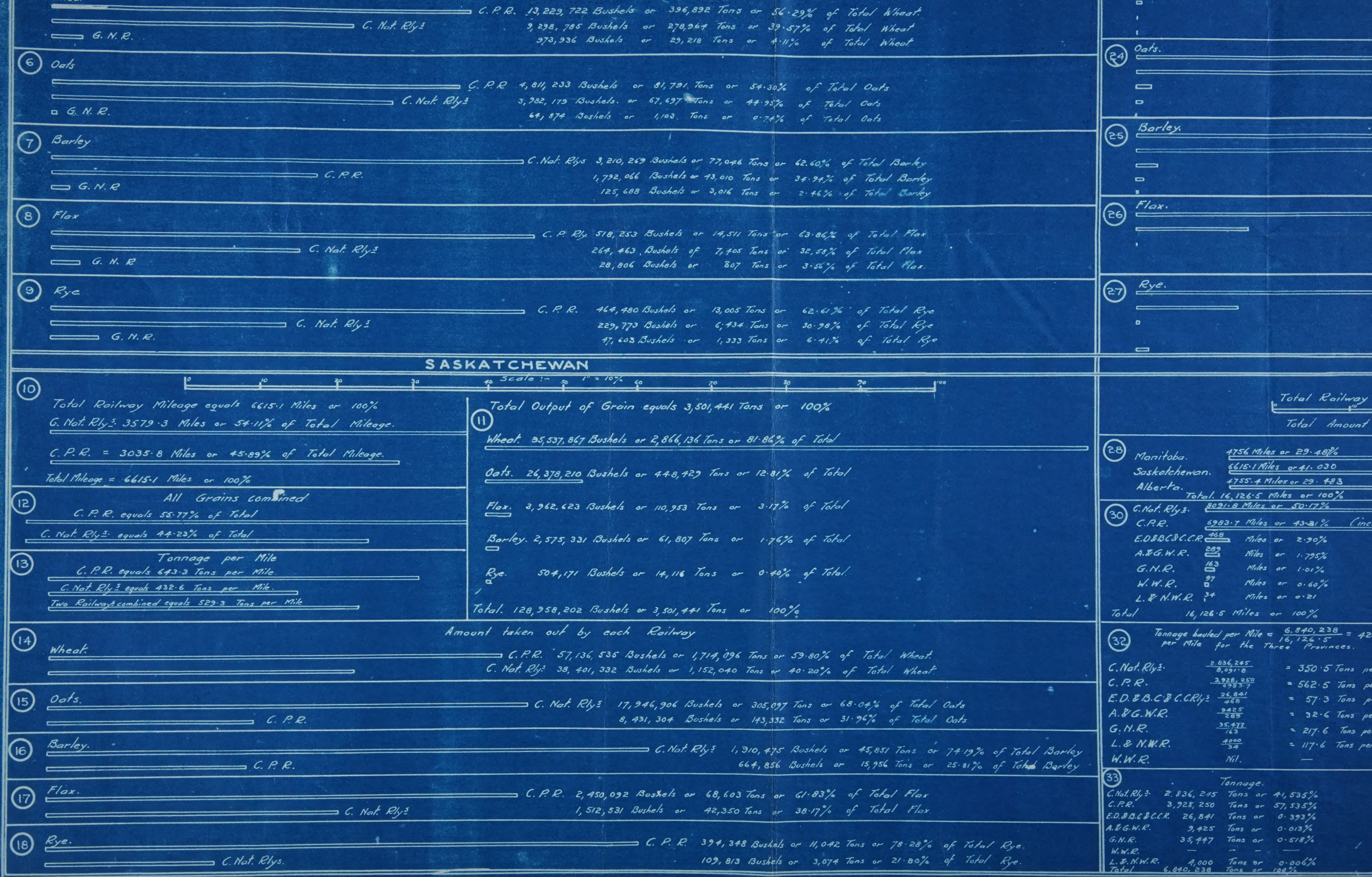
③④ Grain Output of Three Provinces Combined. (in Tons)

	Wheat						Oats.						Barley.						Flax.						Rye.					
	Man.	Sask.	Alta.	Total Tons	% of kind	% of Total Output.	Man.	Sask.	Alta	Total Tons	% of Kind	% of Total Output	Man.	Sask.	Alta.	Total Tons	% of Kind	% of Total Output	Man.	Sask	Alta	Total Tons	% of kind	% of Total Output	Man.	Sask.	Alta	Total Tons	% of kind	% of Total Output.
C. Nat. Rlys	278,964	1,152,040	508,894	1,939,898	37·863	28·44	67,697	305,097	288,343	661,137	55·63	9,671	77,046	45,851	46,124	169,021	57·47	2·474	7,405	42,350	2,689	52,444	34·53	0·770	6,434	3,074	4,237	13,745	20·67	0·201
C. P. Rlys	396,892	1,714,096	1,045,021	3,156,009	61·517	46·24	81,791	143,332	281,519	506,642	42·63	7·411	43,010	15,956	57,298	116,264	39·53	1·702	14,511	68,603	15,530	78,644	64·94	1·449	13,005	11,042	26,644	50,691	76·24	0,744
E.D. & B.C and C.C. Rlys.	—	—	11,426	11,426	·023	·017	—	—	13,356	13,356	1·12	0·192	—	—	1,865	1,865	·63	0·028	—	—	30	30	—	—	—	—	164	164	0·24	0·002
A. & G.W. Rly	—	—	859	859	·003	·002	—	—	5,460	5,460	·46	·079	—	—	3,106	3,106	1·06	0·045	—	—	—	—	—	—	—	—	—	—	—	—
G. N. Rly.	29,218	—	—	29,218	·590	·428	1,103	—	—	1,103	·09	·016	3,016	—	—	3,016	1·03	0·041	807	—	—	807	·53	0·001	1,333	—	—	1,333	2·00	0·017
L. & N. W. Rly.	—	—	1,898	1,898	·004	·003	—	—	762	762	·06	·011	—	—	787	787	·27	0·010	—	—	—	—	—	—	—	—	553	553	0·83	0·006
W. W. Rly.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—
Totals.				5,139,308	100·00	75·13				1,188,460	99·99	17,380				294,059	99·99	4·30				151,925	100·00	2·22				66,486	100·00	0·970

s, a distance of 16 Miles, line is not now operated; originally part of the G.T.P. Rly., The Pocohontas Coal Mine being closed. It is reported that a considerable portion of this Line has Ten Feet of Drifting Sand over it at present. Being
way System, this Mileage is included in C. Nat. Rlys.
les from Henry House to Pocohontas mentioned.

Lobstick Junction to Lucerne, a distance of 185 Miles, is used in common by the G.T.P. and C.N.Rlys. That 185 Miles of abandoned Railway is not included in the Mileage

Canadian Pacific Railway Mileage includes Double Track.



C.P.R. 13,229,722 Bushels or 396,892 Tons or 56·29% of Total Wheat.
C. Nat. Rlys. 9,298,785 Bushels or 278,964 Tons or 39·57% of Total Wheat
G. N. R. 973,936 Bushels or 29,218 Tons or 4·11% of Total Wheat

⑥ Oats
C.P.R 4,811,233 Bushels or 81,791 Tons or 54·30% of Total Oats
C. Nat. Rlys. 3,982,179 Bushels. or 67,697 Tons or 44·95% of Total Oats
G. N. R. 64,874 Bushels or 1,103 Tons or 0·74% of Total Oats

⑦ Barley
C. Nat. Rlys 3,210,269 Bushels or 77,046 Tons or 62.60% of Total Barley
C. P. R. 1,792,066 Bushels or 43,010 Tons or 34·94% of Total Barley
G. N. R 125,688 Bushels or 3,016 Tons or 2·46% of Total Barley

⑧ Flax
C. P. Rly. 518,253 Bushels or 14,511 Tons or 63·86% of Total Flax
C. Nat. Rlys. 264,463 Bushels of 7,405 Tons or 32,58% of Total Flax
G. N. R 28,806 Bushels or 807 Tons or 3·56% of Total Flax.

⑨ Rye
C. P. R. 464,480 Bushels or 13,005 Tons or 62·61% of Total Rye
C. Nat. Rlys. 229,773 Bushels or 6;434 Tons or 30·98% of Total Rye
G. N. R. 47,603 Bushels or 1,333 Tons or 6·41% of Total Rye

SASKATCHEWAN

Scale :- 1" = 10%

⑩ Total Railway Mileage equals 6615·1 Miles or 100%
C. Nat. Rlys. 3579·3 Miles or 54·11% of Total Mileage.
C. P. R. = 3035·8 Miles or 45·89% of Total Mileage.
Total Mileage = 6615·1 Miles or 100%

⑫ All Grains combined
C. P. R. equals 55·77% of Total
C. Nat. Rlys. equals 44·23% of Total

⑬ Tonnage per Mile
C. P. R. equals 643·3 Tons per Mile.
C. Nat. Rlys. equals 432·6 Tons per Mile.
Two Railways combined equals 529·3 Tons per Mile

⑪ Total Output of Grain equals 3,501,441 Tons or 100%
Wheat. 95,537,867 Bushels or 2,866,136 Tons or 81·86% of Total
Oats. 26,378,210 Bushels or 448,429 Tons or 12·81% of Total
Flax. 3,962,623 Bushels or 110,953 Tons or 3·17% of Total
Barley. 2,575,331 Bushels or 61,807 Tons or 1·76% of Total
Rye. 504,171 Bushels or 14,116 Tons or 0·40% of Total
Total. 128,958,202 Bushels or 3,501,441 Tons or 100%

⑭ Amount taken out by each Railway
Wheat.
C.P.R. 57,136,535 Bushels or 1,714,096 Tons or 59·80% of Total Wheat.
C. Nat. Rlys. 38,401,332 Bushels or 1,152,040 Tons or 40·20% of Total Wheat.

⑮ Oats.
C. Nat. Rlys. 17,946,906 Bushels or 305,097 Tons or 68·04% of Total Oats
C. P. R. 8,431,304 Bushels or 143,332 Tons or 31·96% of Total Oats

⑯ Barley.
C. Nat. Rlys. 1,910,475 Bushels or 45,851 Tons or 74·19% of Total Barley
C. P. R. 664,856 Bushels or 15,956 Tons or 25·81% of Total Barley

⑰ Flax.
C. P. R. 2,450,092 Bushels or 68,603 Tons or 61·83% of Total Flax
C. Nat. Rlys. 1,512,531 Bushels or 42,350 Tons or 38·17% of Total Flax.

⑱ Rye.
C. P. R. 394,348 Bushels or 11,042 Tons or 78·28% of Total Rye.
C. Nat. Rlys. 109,813 Bushels or 3,074 Tons or 21·80% of Total Rye.

㉔ Oats.

㉕ Barley.

㉖ Flax.

㉗ Rye.

Total Railway

Total Amount

㉘ Manitoba. 4756 Miles or 29·48%
Saskatchewan. 6615·1 Miles or 41·030
Alberta. 4755·4 Miles or 29·483
Total. 16,126·5 Miles or 100%

㉚ C. Nat. Rlys. 8091·8 Miles or 50·17%
C.P.R. 6983·7 Miles or 43·21% (inc
E.D.&B.C.&C.C.R. 468 Miles or 2·90%
A.&G.W.R. 289 Miles or 1·795%
G.N.R. 163 Miles or 1·01%
W.W.R. 97 Miles or 0·60%
L.& N.W.R. 34 Miles or 0·21
Total 16,126·5 Miles or 100%

㉜ Tonnage hauled per Mile = $\frac{6,840,238}{16,126\cdot5}$ = 42
per Mile for the Three Provinces.

C. Nat. Rlys.	$\frac{2,836,245}{8,091\cdot8}$	= 350·5 Tons pe
C.P.R.	$\frac{3,928,250}{6983\cdot7}$	= 562·5 Tons pe
E.D.&B.C.&C.C.Rlys.	$\frac{26,841}{468}$	= 57·3 Tons p
A.&G.W.R.	$\frac{9425}{289}$	= 32·6 Tons pe
G.N.R.	$\frac{35,477}{163}$	= 217·6 Tons pe
L.& N.W.R.	$\frac{4000}{34}$	= 117·6 Tons per
W.W.R.	Nil.	—

㉝ Tonnage.

C. Nat. Rlys.	2,836,245	Tons	or	41,535%
C.P.R.	3,928,250	Tons	or	57,535%
E.D.&B.C.&C.C.R.	26,841	Tons	or	0·393%
A.&G.W.R.	9,425	Tons	or	0·013%
G.N.R.	35,447	Tons	or	0·518%
W.W.R.	—	—	—	—
L.&.N.W.R.	4,000	Tons	or	0·006%
Total	6,840,238	Tons	or	100%

Note. { The first fourteen Miles out of Edmonton is used in common by the E.D.&B.C. and the A.&G.W. Rlys.
In the Mileage of said Railways, half of that distance, viz., 7 Miles, is included in the total Mileage of each of said Lines

Canadian National Railways. From Henry House easterly to Pocohontos, a distance of 16 Miles, line is not no
a part of the Dominion Government Railway System, this Mileage is included
of the C. Nat. Rlys. excepting the 16 Miles from Henry House to Pocohontos m

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